

Converting Colors

Hex(809A74)

Have a look what the booklet for
Hex(809A74) contains.

Hex(809A74)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(809A74)

Conversions

Conversions Part 1

Format	Color
Hex	809A74
RGB	128, 154, 116
RGB Percent	50%, 60%, 45%
CMY	0.4980, 0.3961, 0.5451
CMYK	0.17, 0.00, 0.25, 0.40
HSL	101°, 16%, 53%
HSV	101°, 25%, 60%
XYZ	23.6101, 28.9614, 20.8687
YIQ	141.8940, -3.2980, -17.3300

Conversions

Conversions Part 2

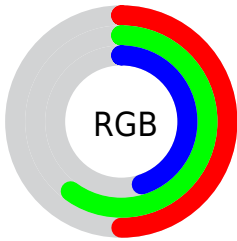
Format	Color
RYB	116, 154, 142
Decimal	8428148
CIELab	60.75, -16.50, 17.01
CIELCh	61, 23.698, 134.125
Yxy	28.9614, 0.3215, 0.3944
Android (android.graphics.Color)	4286618228 (0xFF809A74)
YUV	141.8940, -12.7657, -12.1850
Hunter-Lab	53.8158, -15.8660, 14.6795

Details

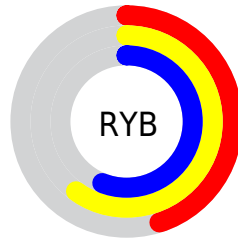
The Hex color **809A74** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E749A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B5D0A8**, and **4E6744** is the 20% darker color. If you saturate the color by 10%, you get **759A65**, and if you desaturate by 10%, it is **8B9A83**.

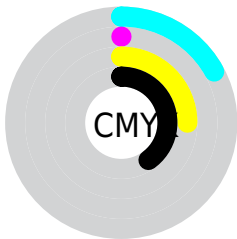
Distribution



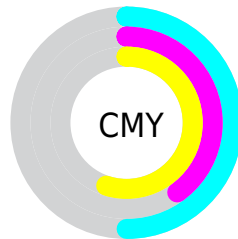
- Red (50%)
- Green (60%)
- Blue (45%)



- Red (45%)
- Yellow (60%)
- Blue (56%)



- Cyan (17%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (50%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 809A74 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 809A74 by changing the saturation by 10% instead.



809A74



809A74

FFFFFF



67805B



B5D0A8



4E6744



D1EDC3



374F2D



EDFFDF



203818



FFFFFC



0E2200



000500



000000



809A74



809A74



759A65



8B9A83

■ 6B9A55

■ 959A93

■ 609A46

■ A09AA2

■ 569A36

■ AA9AB2

■ 4B9A27

■ B59AC1

■ 419A18

■ BF9AD0

■ 369A08

■ CA9AE0

■ 319A00

■ D49AEF

■ DF9AFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98946A



809A74



689D86

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



809A74



6998BA



BD8389

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



809A74



8E749A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



B5849F



809A74



8691BB

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



809A74



569CAF



A28AB1



B98776

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



809A74



5B9E95



A28AB1



BC8390

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



809A74



C0C9BB



9A8E74



60665E



E6E6E6



666666

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



809A74



A0C98D



749A7B



474D45



2C8C00



040D00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8E749A



B68DC9



9A7493



4A454D



60008C



09000D

Previews

White Background



This preview shows how the Hex color 809A74 looks on a white background.

Color Contrast Check

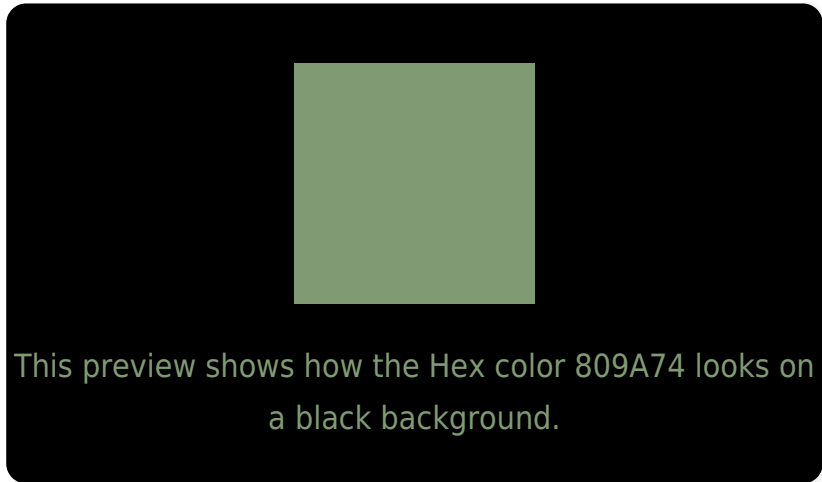
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

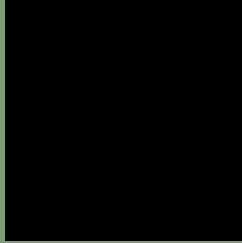
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

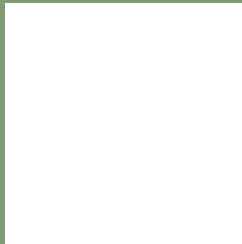
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 809A74 Background



This preview shows how black text looks on a background with the Hex color 809A74.

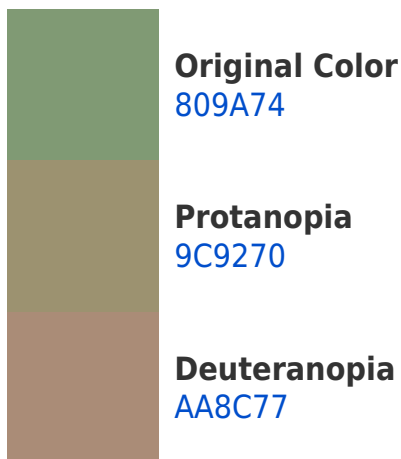


This preview shows how white text looks on a background with the Hex color 809A74.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



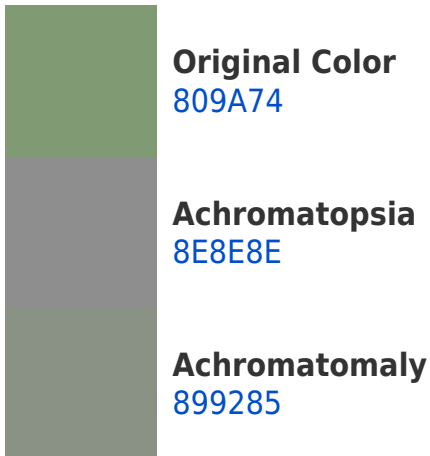


Tritanopia
8794A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 809A74 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #809A74 looks like.

```
.text, #text, p{  
    color:#809A74  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #809A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809A74
}
```

Border

The CSS property to change the border of an element to Hex 809A74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#809A74 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#809A74 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #809A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809A74; -webkit-box-shadow:4px 4px  
4px 4px #809A74; box-shadow:4px 4px 4px  
4px #809A74 }
```

Background

The CSS property to change the background color of an element to Hex 809A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809A74 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#809A74 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor